

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	384	208/211.ccls.	US-PGPUB; USPAT	OR	ON	2009/02/10 09:05
L3	76	208/266.ccls.	US-PGPUB; USPAT	OR	ON	2009/02/10 09:05
L4	144	208/273.ccls.	US-PGPUB; USPAT	OR	ON	2009/02/10 09:05
S1	3	"2984617"	US-PGPUB; USPAT	OR	ON	2009/01/30 12:38
S2	8	"3123550"	US-PGPUB; USPAT	OR	ON	2009/01/30 12:38
S3	68	208/90.ccls.	US-PGPUB; USPAT	OR	ON	2009/01/30 12:47
S4	1	"10579178"	US-PGPUB; USPAT	OR	ON	2009/02/02 08:04
S5	48191	hydrocarbon and (distillate or (lub\$8 near2 oil) or raffinate)	US-PGPUB; USPAT	OR	ON	2009/02/02 08:32
S6	110330	nitrogen with hetero\$6	US-PGPUB; USPAT	OR	ON	2009/02/02 08:33
S7	9447	S6 and carbazole	US-PGPUB; USPAT	OR	ON	2009/02/02 08:33
S8	242475	(sulfuric adj acid) or "H. sub.2SO.sub.4" or "H2SO4"	US-PGPUB; USPAT	OR	ON	2009/02/02 08:34
S9	1477	(used or spent) adj ((sulfuric adj acid) or "H.sub.2SO.sub.4" or "H2SO4")	US-PGPUB; USPAT	OR	ON	2009/02/02 08:34
S10	12889	(settling near2 (tank or drum)) or coalescer or (electrostatic near2 precipitator)	US-PGPUB; USPAT	OR	ON	2009/02/02 08:35
S11	969	S8 same ((dissolved near2 oil) or (suspended near2 hydrocarbon))	US-PGPUB; USPAT	OR	ON	2009/02/02 08:36
S12	70550	hydrotreat\$3 or hydrocrack\$3 or (ring near2 opening) or (aromatic near2 saturation) or hydrodewaxing or hydrofinishing	US-PGPUB; USPAT	OR	ON	2009/02/02 08:36

S13	365	208/254R.ccls.	US-PGPUB; USPAT	OR	ON	2009/02/02 08:37
S14	836	208/254H.ccls.	US-PGPUB; USPAT	OR	ON	2009/02/02 08:38
S15	139	208/252.ccls.	US-PGPUB; USPAT	OR	ON	2009/02/02 08:38
S16	2	("2980606").URPN.	USPAT	OR	ON	2009/02/02 08:45
S17	243	S5 and S7 and S8	US-PGPUB; USPAT	OR	ON	2009/02/02 08:52
S18	5	S5 and S7 and S9	US-PGPUB; USPAT	OR	ON	2009/02/02 08:52
S19	14	S5 and S6 and S9	US-PGPUB; USPAT	OR	ON	2009/02/02 08:53
S20	85	S5 and S9 and nitrogen	US-PGPUB; USPAT	OR	ON	2009/02/02 08:54
S21	1	("7087156").URPN.	USPAT	OR	ON	2009/02/02 08:58
S22	26	("2384315"   "2744053"   "3189539"   "3649528"   "4708786"   "5051163"   "5210326"   "5300218"   "5378250"   "5414183"   "5454983"   "5675043"   "5744686"   "5770047"   "5897845"   "5942650"   "6099619"   "6107535"   "6118037"   "6150300"   "6231755"   "6248230").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/02 08:59
S23	18	("4159940"   "4392948"   "4746420"   "4960507"   "4960508"   "5576256"   "Re31363").PN. OR ("5770047").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/02 09:10
S24	3	("4960508").URPN.	USPAT	OR	ON	2009/02/02 09:12
S25	17	("1686136"   "2263175"   "2263276"   "2352236"   "2779709"   "4272361"   "4332675"   "4332676"   "4409092"   "4426280"   "4623444"   "4671865").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/02 09:13

S26	30504	S5 and nitrogen	US-PGPUB; USPAT	OR	ON	2009/02/02 09:40
S27	51	S26 and S8 and S10 and S12	US-PGPUB; USPAT	OR	ON	2009/02/02 09:41
S28	2	S26 and S8 and S10 and S11	US-PGPUB; USPAT	OR	ON	2009/02/02 09:54
S29	10053	hydrocarbon and (distillate or (lub\$8 near2 oil) or raffinate)	EPO; JPO; DERWENT	OR	ON	2009/02/02 09:57
S30	1048	S29 and nitrogen	EPO; JPO; DERWENT	OR	ON	2009/02/02 09:57
S31	101414	(sulfuric adj acid) or "H. sub.2SO.sub.4" or "H2SO4"	EPO; JPO; DERWENT	OR	ON	2009/02/02 09:57
S32	25554	hydrotreat\$3 or hydrocrack\$3 or (ring near2 opening) or (aromatic near2 saturation) or hydrodewaxing or hydrofinishing	EPO; JPO; DERWENT	OR	ON	2009/02/02 09:58
S33	3	S30 and S31 and S32	EPO; JPO; DERWENT	OR	ON	2009/02/02 09:58
S34	26263	hydrocarbon and nitrogen	EPO; JPO; DERWENT	OR	ON	2009/02/02 09:59
S36	14799	hydrocarbon same nitrogen	EPO; JPO; DERWENT	OR	ON	2009/02/02 09:59
S37	9	S36 and S31 and S32	EPO; JPO; DERWENT	OR	ON	2009/02/02 09:59
S38	14	("3177137"   "3719587"   "4071435"   "4159940"   "4271009"   "4272361"   "4330392").PN. OR ("4392948").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/02 11:02
S39	11	"3681233"	US-PGPUB; USPAT	OR	ON	2009/02/02 13:33
S40	3	"3749666"	US-PGPUB; USPAT	OR	ON	2009/02/02 14:27
S41	2	"3305480"	US-PGPUB; USPAT	OR	ON	2009/02/02 14:38
S42	3	"2984617"	US-PGPUB; USPAT	OR	ON	2009/02/02 14:39
S43	1198362	acid denitrogenation	US-PGPUB; USPAT	OR	ON	2009/02/02 14:44
S44	0	acid near2 denitrogenation	US-PGPUB; USPAT	OR	ON	2009/02/02 14:44
S45	1270	denitrogenation	US-PGPUB; USPAT	OR	ON	2009/02/02 14:44

S46	37	acid with S45	US-PGPUB; USPAT	OR	ON	2009/02/02 14:44
S47	242475	(sulfuric adj acid) or "H. sub.2SO.sub.4" or "H2SO4"	US-PGPUB; USPAT	OR	ON	2009/02/02 14:44
S48	188	S45 and S47	US-PGPUB; USPAT	OR	ON	2009/02/02 14:44
S49	157	S45 same (parallel or multiple or stage)	US-PGPUB; USPAT	OR	ON	2009/02/02 14:46
S50	29	S47 and S49	US-PGPUB; USPAT	OR	ON	2009/02/02 14:46
S51	10	S45 same parallel	US-PGPUB; USPAT	OR	ON	2009/02/02 15:00
S52	24	S45 same (parallel or multiple)	US-PGPUB; USPAT	OR	ON	2009/02/02 15:12
S53	5	S47 and S52	US-PGPUB; USPAT	OR	ON	2009/02/02 15:12
S54	489	denitrogenation	EPO; JPO; DERWENT	OR	ON	2009/02/02 15:13
S55	5	S54 same (parallel or multiple)	EPO; JPO; DERWENT	OR	ON	2009/02/02 15:14
S56	101414	(sulfuric adj acid) or "H. sub.2SO.sub.4" or "H2SO4"	EPO; JPO; DERWENT	OR	ON	2009/02/02 15:16
S57	20	S56 and S54	EPO; JPO; DERWENT	OR	ON	2009/02/02 15:16
S58	13517	denitrogenation or (nitrogen near2 remov \$3)	EPO; JPO; DERWENT	OR	ON	2009/02/02 15:18
S59	119	S58 same (parallel or multiple)	EPO; JPO; DERWENT	OR	ON	2009/02/02 15:18
S60	0	S56 and S59	EPO; JPO; DERWENT	OR	ON	2009/02/02 15:18
S61	397	S56 and S58	EPO; JPO; DERWENT	OR	ON	2009/02/02 15:19
S62	6	S61 and (multiple or parallel)	EPO; JPO; DERWENT	OR	ON	2009/02/02 15:19
S63	14	S61 and (distillate or (lub\$8 adj oil) or raffinate)	EPO; JPO; DERWENT	OR	ON	2009/02/02 15:20
S64	1	acid near2 denitrogenation	EPO; JPO; DERWENT	OR	ON	2009/02/02 16:14
S65	1893	carbazole same hydrocarbon	US-PGPUB; USPAT	OR	ON	2009/02/03 14:51
S66	110393	nitrogen with hetero\$6	US-PGPUB; USPAT	OR	ON	2009/02/03 14:53
S67	766	S66 and S65	US-PGPUB; USPAT	OR	ON	2009/02/03 14:53

S68	365	208/254R.ccls.	US-PGPUB; USPAT	OR	ON	2009/02/03 14:57
S69	18	S68 and carbazole	US-PGPUB; USPAT	OR	ON	2009/02/03 14:57
S70	1050	hydrocarbon and (raffinate)	EPO; JPO; DERWENT	OR	ON	2009/02/04 10:07
S71	48204	hydrocarbon and (distillate or (lub\$8 near2 oil) or raffinate)	US-PGPUB; USPAT	OR	ON	2009/02/04 10:07
S72	0	S70 and S71	EPO; JPO; DERWENT	OR	ON	2009/02/04 10:07
S73	242587	(sulfuric adj acid) or "H. sub.2SO.sub.4" or "H2SO4"	US-PGPUB; USPAT	OR	ON	2009/02/04 10:08
S74	0	S70 and S73	EPO; JPO; DERWENT	OR	ON	2009/02/04 10:08
S75	4814	hydrocarbon and raffinate	US-PGPUB; USPAT	OR	ON	2009/02/04 10:09
S76	1276	S73 and S75	US-PGPUB; USPAT	OR	ON	2009/02/04 10:09
S77	365	208/254R.ccls.	US-PGPUB; USPAT	OR	ON	2009/02/04 10:09
S78	49	S77 and S75	US-PGPUB; USPAT	OR	ON	2009/02/04 10:09

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